Aurora™ 12" Highway Crossing Retrofit Kits

Aurora 300

Features

- Brightest signal available in the market — 1600 cd on axis
- Regulated power supply — LED unit emits contest light output even at low voltage levels
- Separate white side lights for better viewing
- Can be used in housing of any highway crossing signal available in the market

Aurora 160

Features

- Low Acquisition Cost
- High intensity levels — 830 cd on axis
- Separate white side lights for better viewing
- Regulated power supply helps emit constant light output even at low voltage levels
- Can be used in housing of any highway crossing signal available in the market

OPERATING SPECIFICATIONS

Parameter	Aurora 160	Aurora 300
Operating Voltage Range	8V-20 VDC 8V-17 VAC	8V-20 VDC 8V-17 VAC
Power Factor	>90%	>90%
Nominal Current Drawn (@ 10V DC)	0.75 Amps	1.2 Amps
Typical Power Consumption	7.5 W	12 W
Peak Intensity on Axis (candelas)	830 cd	1600 cd

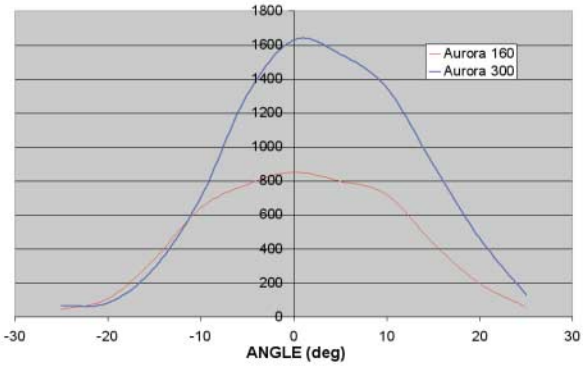
ALSTOM

PERFORMANCE STANDARDS

Parameter	Standard
Vibration (X, Y and Z axis)	• 2001 AREMA Standard • MIL-STD 810F
Operating Temperature	–40°C to 70°C
IP Rating	IP65
Electronic Noise	Meets AREMA Spec
Storage Temperature	–55°C to 85°C

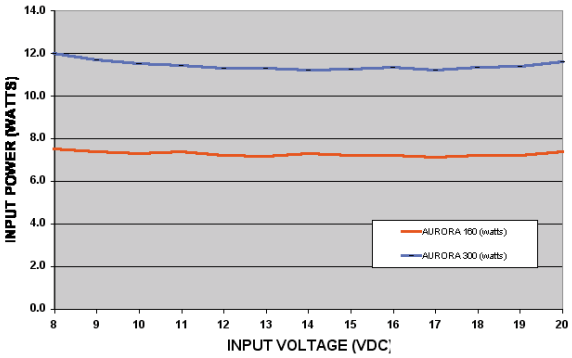
Photometric Characteristics

LAMP OUTPUT vs. ANGLE



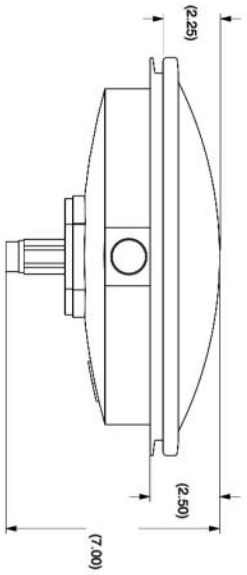
Power Consumption

INPUT POWER vs. INPUT VOLTAGE

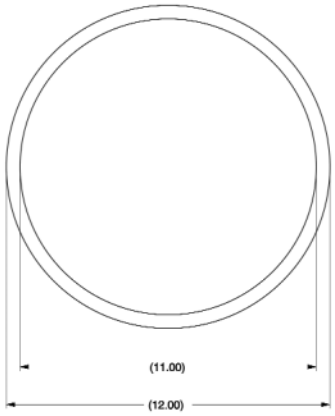


DIMENSIONS

SIDE VIEW



FRONT VIEW



ORDERING INFORMATION

Drawing Number	Product Name	Description
59649-200-02	Aurora 160	12-inch Aurora Highway Crossing Signal Retrofit Kit
59649-200-03	Aurora 300	Ultra bright 12-inch Aurora Highway Crossing Signal Retrofit Kit

ALSTOM

ALSTOM Signaling • 1025 John Street • Rochester, NY 14602 • Tel: (585) 783-2000 • Fax: (585) 274-8777 • www.alstomsignalingsolutions.com

© 2003 ALSTOM, the logo ALSTOM and their frameworks are trademarks and service trademark applications of ALSTOM. The other names, registered or not, are the property of their respective companies. All information is given for indication purpose only and is subject to change without notice.